

PART B - FEE(S) TRANSMITTAL

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24504 7590 09/29/2006

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LLP
 100 GALLERIA PARKWAY, NW
 STE 1750
 ATLANTA, GA 30339-5948

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Hui Chin Barnhill	(Depositor's name)
<i>Hui Chin Barnhill</i>	(Signature)
December 21, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,192	11/20/2003	Yian-Liang Kuo	TS03-336	9795

TITLE OF INVENTION: HEAT SPREADER BALL GRID ARRAY (HSBGA) DESIGN FOR LOW-K INTEGRATED CIRCUITS (IC)

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/29/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHU, CHRIS C	2815	257-706000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Thomas, Kayden,
 2 Horstemeyer & Risley
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

TAIWAN SEMICONDUCTOR
 MANUFACTURING CO. LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SHINCHU, TAIWAN, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Daniel R. McClure

Date

12-21-06

Typed or printed name

Daniel R. McClure

Registration No.

38,962

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